


06A538-02 SILKSCREEN REV. 0

SHEET 2 OF 2 IS ACAD FILE #53802P???.DWG

SIGNATURES:		DATE:	 11880 BORMAN DR. ST. LOUIS, MISSOURI 63146	
DRAWN:	REM	7/15/98	PROJECT NAME: B3/B3-28	
CHK'D:	GM	7/15/98		
APP'D:	GM	7/15/98	DRAWING NAME: PICTORIAL	
ORIGINAL ISSUED:		7/15/98		
PLOT DATE:		7/15/98	DRAWING NO. 07P538-02	
PLOT TIME:		00:00		
FILE NAME:	53802B0_	SCALE: NTS	SHEET: 1_OF_2	REV. 0_

B

C

D

E

3

4

DESIGNATOR	PART #	DESCRIPTION	
C1	10A473-11	.047uF	100V
C2	10R223-02	.022uF	100V
C3	10R473-03	.047uF	100V
C4	10A101-21	100pF	200V
C5	10A104-01	.1uF	50V
C6	10F224-03	.22uF	100V
C7	10F224-03	.22uF	100V
C8	10A222-11	.0022uF	100V
C9	12R105-50	1uF	50V
C10	12R105-50	1uF	50V
C11	10A104-01	.1uF	50V
C12	10A103-11	.01uF	100V
C13	10A222-11	.0022uF	100V
C14	10R682-03	.0068uF	100V
C15	10F154-02	.15uF	100V
C16	10A103-11	.01uF	100V
C17	10R223-02	.022uF	100V
C18	10F224-03	.22uF	100V
C19	10A104-01	.1uF	50V
C20	10A472-11	.0047uF	100V
C21	10A104-01	.1uF	50V
C22	10A101-21	100pF	200V
C23	10A101-21	100pF	200V
C24	NOT USED		
C25	NOT USED		
C26	NOT USED		
C27	NOT USED		
C28	10A102-11	.001uF	100V
C29	NOT USED		
C30	NOT USED		
C31	10A473-11	.047uF	100V
C32	10A473-11	.047uF	100V
C33	10F224-03	.22uF	100V
C34	12R226-32	22uF	35V
C35	10F224-03	.22uF	100V
C36	10A473-11	.047uF	100V
C37	10F224-03	.22uF	100V
C38	10A223-01	.022uF	50V
C39	10A104-01	.1uF	50V
C40	10A153-01	.015uF	50V
C41	10A473-11	.047uF	100V
C42	10R682-03	.0068uF	100V
C43	10A473-11	.047uF	100V
C44	10A222-11	.0022uF	100V
C45	10A333-01	.033uF	50V
C46	10A102-11	.001uF	100V
C47	10A682-01	.0068uF	100V
C48	10A471-11	470pF	100V
C49	10A332-01	.0033uF	100V
C50	10A331-11	330pF	100V
C51	10A332-01	.0033uF	100V
C52	10A331-11	330pF	100V
C53	12R226-32	22uF	35V
C54	12R225-50	2.2uF	50V
C55	12R106-36	10uF	35V
D1	21-501-01	RED	LED
D2	21-511-04	YELLOW	LED
D3	NOT USED		
D4	21-501-01	RED	LED
D5	NOT USED		
D6	21-502-01	GREEN	LED
D7	21A914-01	1N914	
D8	21A914-01	1N914	
D9	21A914-01	1N914	
D10	21A914-01	1N914	
D11	21A146-01	1N746A	3.3V
D12	21A754-01	1N754A	6.8V

D13	21A914-01	1N914	
D14	21A914-01	1N914	
D15	21A914-01	1N914	
D16	21A914-01	1N914	
D17	21A146-01	1N746A	3.3V
D18	21A914-01	1N914	
D19	21A914-01	1N914	
D20	NOT USED		
D21	NOT USED		
D22	NOT USED		
IC1	37-260-01	NJM2060	
IC2	37-074-01	TLO74	
IC3	37-074-01	TLO74	
IC4	37-074-01	TLO74	
IC5	37-074-01	TLO74	
J1	39-119-01	T/S JACK	
J2	17-310-10	10 PIN HEADER	
J3	17-310-05	5 PIN HEADER	
J4	NOT USED		
J5	NOT USED		
J6	NOT USED		
J7	51-149-01	GNDLUG	
J8	99-124-02	12 PIN RIBBON	
J9	NOT USED		
J10	51-149-01	GNDLUG	
P1	70-503-22	50K AUDIO	
P2	70-503-22	50K AUDIO	
P3	70-503-22	50K AUDIO	
P4	70-503-22	50K AUDIO	
P5	70-503-22	50K AUDIO	
P6	70-104-21	100K LINEAR	
P7	70-104-21	100K LINEAR	
P8	70-104-21	100K LINEAR	
P9	70-104-21	100K LINEAR	
P10	70-104-21	100K LINEAR	
P11	70-104-21	100K LINEAR	
P12	70-104-21	100K LINEAR	
P13	70-104-21	100K LINEAR	
P14	70-104-21	100K LINEAR	
P15	70-103-28	10K AUDIO	
P16	NOT USED		
P17	NOT USED		
Q1	96R175-01	J175	
Q2	96R510-01	2N5210	
Q3	96R510-01	2N5210	
Q4	NOT USED		
Q5	NOT USED		
Q6	NOT USED		
Q7	96R013-01	MPSA13	
Q8	NOT USED		
Q9	96R013-01	MPSA13	
R1	NOT USED		
R2	76-472-01	4.7K	
R3	76-683-01	68K	
R4	76-153-01	15K	
R5	76-105-01	1M	
R6	76-681-01	680	
R7	76-222-01	2.2K	
R8	76-102-01	1K	
R9	76-222-01	2.2K	
R10	76-102-01	1K	
R11	76-683-01	68K	
R12	76-103-01	10K	
R13	76-223-01	22K	
R14	76-333-01	33K	
R15	76-102-01	1K	
R16	76-473-01	47K	
R17	76-334-01	330K	
R18	76-104-01	100K	
R19	76-223-01	22K	
R20	76-472-01	4.7K	
R21	76-103-01	10K	
R22	76-103-01	10K	
R23	76-103-01	10K	
R24	76-472-01	4.7K	
R25	76-103-01	10K	
R26	76-223-01	22K	
R27	76-222-01	2.2K	
R28	76-103-01	10K	
R29	76-103-01	10K	
R30	76-102-01	1K	
R31	76-682-01	6.8K	
R32	76-473-01	47K	
R33	76-103-01	10K	
R34	76-334-01	330K	
R35	76-102-01	1K	
R36	76-103-01	10K	
R37	76-153-01	15K	
R38	76-153-01	15K	
R39	76-222-01	2.2K	
R40	76-104-01	100K	
R41	77-152-01	1.5K	1/2W
R42	76-104-01	100K	
R43	76-105-01	1M	
R44	76-222-01	2.2K	
R45	76-473-01	47K	
R46	NOT USED		
R47	76-103-01	10K	
R48	76-333-01	33K	
R49	NOT USED		
R50	76-683-01	68K	
R51	NOT USED		
R52	76-333-01	33K	
R53	NOT USED		
R54	76-222-01	2.2K	
R55	76-223-01	22K	
R56	76-102-01	1K	
R57	76-223-01	22K	
R58	76-472-01	4.7K	
R59	NOT USED		
R60	NOT USED		
R61	NOT USED		
R62	NOT USED		
R63	NOT USED		
R64	NOT USED		
R65	NOT USED		
R66	NOT USED		
R67	NOT USED		
R68	76-333-01	33K	
R69	76-335-01	3.3M	
R70	76-222-01	2.2K	
R71	76-222-01	2.2K	
R72	76-151-01	150	
R73	NOT USED		
R74	76-224-01	220K	
R75	76-332-01	3.3K	
R76	76-184-01	180K	
R77	76-472-01	4.7K	
R78	76-184-01	180K	
R79	76-332-01	3.3K	

R80	76-184-01	180K	
R81	76-472-01	4.7K	
R82	76-184-01	180K	
R83	76-472-01	4.7K	
R84	76-224-01	220K	
R85	76-472-01	4.7K	
R86	76-334-01	330K	
R87	76-472-01	4.7K	
R88	76-274-01	270K	
R89	76-332-01	3.3K	
R90	76-154-01	150K	
R91	76-222-01	2.2K	
R92	76-103-01	10K	
R93	76-100-01	10	
R94	76-100-01	10	
S1	88-302-02	DUAL	SWITCH
S2	NOT USED		
JW1-JW33	76-000-05	JUMPER WIRE	
JW34	NOT USED		
JW35-JW38	76-000-05	JUMPER WIRE	
JW39	NOT USED		
JW40	76-000-05	JUMPER WIRE	
JW41	NOT USED		
JW42-JW47	76-000-05	JUMPER WIRE	
OPT8	76-000-05	JUMPER WIRE (I.D. PURPOSES ONLY)	

NOTES

- CAUTION: SHOCK HAZARD!!
THIS UNIT CONTAINS HAZARDOUS VOLTAGE. DISCONNECT POWER AND BE SURE POWER SUPPLY IS DISCHARGED BEFORE TOUCHING INTERNAL PARTS.
- UNLESS NOTED, RESISTOR VALUES IN OHMS, 1/4W-5% TOL. CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
- SHEET 1 OF 2 IS PCAD FILE # 53802B???.PCB.

REV:	DESCRIPTION	ECO/ECR NO:	CHNG'D BY:	DATE:	APPR'D BY:	DATE:
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THIS INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.						
SIGNATURES:		DATE:		11880 Borman Dr. St. Louis, Missouri 63146		
DRAWN:	REM	7/15/98		FIRST USED ON:		
CHK'D:	GM	7-15-98		B3-28		
APP'D:	GM	7-15-98		DRAWING TITLE:		
TOLERANCES:	DRAWING SIZE: C		DRAWING NO.:			
	DRAWING TYPE: PICTORIAL		B3/B3-28 PREAMP			
	CLASS CODE: ~		DRAWING NO.:			
	SCALE: NONE	SHEET: 2 OF 2		07P538-02		